The Submarine Terror Can be Made to rollow a Ship Like a Hungry Shark.

LONDON, Nov. 17 .- At last a means erly a resident of Alameda. has been discovered of guiding a torpedo on its mission of death. The principle of wireless telegraphy is to be applied to the steering of these submarine infernal machines, and, according to those who have examined the invention, this plan has been found to work so well that the torpedo may be reckoned among the heaviest thunderbolts of war, instead of being, as heretofore, the jest of naval experts.

The invention consists of an application of the use of electric waves just as in wireless telegraphy, which obviates any necessity for metallic connection between the torpedo and the torpedo boat. To understand the plan of procedure, it must be remembered that an iron rod is sucked into a coil of wire, when an electric current traverses the spiral in a suitable direction. The torpedo is provided with two staffs which project above the surface of the water, and can receive electric waves reaching them through the air, and generated by a suitable apparatus on wire with two cores of iron near them When an electric current passes round other core enters its spiral. Suppose the torpedo leaves its proper course; it is at once righted in the following way: Electric waves are developed on the torpedo boat, pass through the air, and are received by the staffs attached to the torpedo. These, by a simple ap-paratus, are made to develop an elec-tric current in the coils of wire, and one or the other of the iron cores, as occasion requires, is sucked into its coil, and this movement turns the helm of the torpedo. When the torpedo has reached its proper course, the waves from the controller are stopped. The invention will render it possible to cause a torpedo to move in any direction. tion almost as if it were possessed of a separate intelligence.

destroy. If the torpedo is seen by those aboard this ship and a frantic ef-fort is made to escape the direct line of discharge, it will be useless, for the nose of the torpedo will be immediately turned by those aboard the torpedo boat in the new direction taken by the hostile ship, and after that, whichever pedo will follow is as relentlessly as doom. Never was such diabolical intelligence given to an inanimate thing as the wireless telegraph principle will | The Agents are now negotiating with give to the torpedo of the future. What the Australian Government for a three-

hake off as the living fish uch of a menace to those who fired them as to those against whom they were directed. The history of torpedo fect and sinking a vessel, but for every torpedo that has fulfilled its mission, power, which is calculated to develop hundreds have exploded harmlessly and killed only the fishes that were unlucky enough to be in the vicinity and San Francisco. of the explosion. This helplessness of the torpedo after it has once left the side of the vessel firing it has been the main cause of the lack of respect na-val officers have felt for it. The search-light has made it so risky to attack a vessel with a torpedo at night that on ly a very reckless commander would attempt it, while the various devices for guarding a ship's side against torpedoes have made these missiles almost certain to fall in their object. Then again it was so easy to dodge a torpedo when its direction once became apparent, and the certainty of the aim was always a doubtful thing where the range was necessarily long, and many obstacles likely to be en-countered by the torpedo during its submarine flight to deflect it from its

Now all this is changed. When the Now all this is changed. When the torpedo which is used by most of the navies here, the Whitehead, is fired from a vessel's side it drops into the water at a distance of fifteen feet, dives about twenty feet, and then shoots up and goes through the water like a fish for a distance of about half a mile, which distance it covers in about a minute. It is a costly missile, and the British naval officers have always thought it of doubtful effectiveways thought it of doubtful effective-ness in warfare. With the "White-head" guided by electric waves, how-ever, it is realized that the torpedo takes on a new and formidable aspect that places it in an entirely new cate-

that places it in an entirely new category among weapons of war.

Whether or not the same principle that directs the torpedo from the vessel that launches it could be used by those on board the threatened ship, to turn it back on those who fired it, is another interesting problem that presents itself at the beginning of speculative thinking on this subject. It is certain that some method of defense will chem

Hev It Is Developing In Naval

Waffare.

be found by ingenious minds against the newly found means of blowing up ships. As an American, I have little healtation in predicting that the ingenious mind will belong to some citizen of the United States, and furthermore that the method of defense will be as ingenious as the present clever plan of offense, thus relegating this over-estimated submarine missile to the position it has so long occupied, that of a butt for the ridicule of naval men.

Death of Mrs. Jellings Victoria Jellings, wife of R. V. Jellings, of Palama, died last Sunday morning at half past eight o'clock, and was buried Monday afternoon at three o'clock from the family residence under the direction of H. H. Williams. Mrs. Jellings was 24 years of age at the time of her death, and was form-

Oceanic Company's New Greyhounds.

Australia to be Relired and Alamed and Mariposa Put On the San Prancisco Route

An important change in the Oceanic Steamship Company is being perfected which will bring Honolulu and San Francisco closer together as far as time is concerned, and will also retire the "Australia" to the "has-beens" row. Honolulu benefits by the new orthe torpedo boat. To the rudder-head der of things, as there will be then two of the torpedo are attached two colls of steamers on the local run between San steamers on the local run between San Francisco and Honojulu instead of one. and faster time will be made by each the coils in one direction, one of the and faster time will be made by each cores is sucked in, while if the current boat. Wharfage facilities will be tax-circulates in the other direction the ed to the utmost, but these new addiboat. Wharfage facilities will be taxtions should be the incentive to make ready for the increased demands.

From private advices recently received by a gentleman of this city we are enabled to present the following particulars regarding the new line of steamers now under construction at Cramps' shipyard, Philadeiphia, for the Oceanic Steamship Company, and the routes designed for the various vessels after the new ones are completed. issued for the sum of \$2,500,000. These That statement is not an exaggera tion. The torpedo of the future will ties in San Francisco, and are now actually be made to follow the direction of the ship it seeks to fasten to and were promptly taken up at par by parcent premium.

Two of the new steamers are now well under way, and the first one will be launched about March next. These vessels will be provided with every modern improvement both as to safety. speed of the vessel, and comfort for way the escaping boat turns, the tor- the passengers, and they will compare favorably with any of the modern greyhounds now crossing the Atlantic.

The Agents are now negotiating with weekly service, and which in all problemed by a shark which could by merely poking his nose against the side of the boat send the vessel with all ernment. It is contemplated that with Symptoms the same in both aboard to the bottom? Guided by the electric waves that are controlled by the crew of the torpedo boat, the new torpedo will be just as impossible to a fourth steamship of the same discover.

A babe with weak kidneys has backache.

A man of 60 or 80 with weak kidneys has backache. This seems to have solved the great sions will be added to the line. These puzzle that has made torpedoes as steamers will touch both ways at honolulu as formerly, and in place of the "Australia," now running, it is prowarfare has always tended to place the supposed by the Oceanic Steamship Comsupposedly terrible missile in a ridiculous light. Here and there are recorded instances of the torpedo taking efers, and give each 500 additional horse-

When these contemplated changes but after taking some of the pills (pro-are made and with the type of vessels cured at Hollister's drug store) was that are now being constructed for this trade, we believe that Honolulu will have one of the finest services in the world, and that the travelling public will be provided with sea-going accommodation second to none anywhere.

It will be now seen that by placing the "Mariposa" and "Alameda," both on this route that a fortnightly services will be secured, and in view of the very congested condition of our freight trade at present, it will be a boon both to shippers and passengers.

GAINING A WIDE REPUTATION. As a cure for rheumatism Chamberlain's Pain Balm is gaining a wide reputation. D. B. Johnston of Richmond.
Ind., has been troubled with that allment since 1862. In speaking of it he
says: "I never found anything that
would relieve me until I used ChamDoan's Backache Kidney Pills are
sold by all chemists and storekeepers
at 50 cents per box, or will be mailed
on receipt of price by the Hollister
Drug Co., wholesale agents for the Haberlain's Pain Balm. It acts like mag-ic with me. My foot was swollen and pained me very much, but one good application of Pain Balm relieved me. For sale by all druggists and dealers: Benson, Smith & Co., Ltd., a gents for

Hives are a terrible torment to the little folks, and to some older ones. Donne's Gintment never fails. Instant relief and permanent cure. At any chemist's, 50 conts.

Financial Lett r on Island Values

Movement - D vidends in Frisco.

Following are extracts from the last number of George Heasteton's paper the Financial Letter:

Sugar stocks were weak owing to the combined efforts of several parties the combined efforts of several parties who have been persistently spreading all kinds of disparaging rumors, such as a dry season and a shortage of crops. It might be just as well to repeat what we have mentioned several times, that there has been no lack of rainfall thus far this season, but that rainfall thus far this season, but that on the contrary the precipitation this season on the plantations listed on our Exchange has been in excess from 30 to 40 per cent of any season recorded. In the case of Honokaa and Paauhau, the rainfall has been nearly double that of any previous season of which there is a record. The rainfall for this season on the Hutchinson has been 13 inches against 9.27 inches for the

corresponding period in 1898.
As to the shortage of the crop Paauhau, that was due to the fact that a field of 500 acres of cane was not cut pefore October 1, but was allowed stand to get the benefit of the rainfall. That cane is now being cut and a por

tion of it is now in the mill.

The condition of the plantations listed here was never better than at present. There is nothing whatever in the affairs of the companies to justify the decline in the market.

When it is observed how large amount of money is distributed monthly in dividends by the sugar companies listed here, their importance in the financial world will be more fully appreciated. The companies specially brought here by Pollitz & Co. are as

	Shares.	Monthly Dividends
Haw. Com	100,000	\$50,000
Hutchinson		25,000
Honokaa	100,000	35,000
Paauhau		35,000
Onomea	50,000	17,500
Kilauea	40,000	10,000
Monthly dividend	s	\$172,500

Twelve months\$2,070,000 To this sum must be added the Makaweli, 34,815 shares, \$17,407.50, dis-tributed in monthly dividends, and the Hana, 50,000 shares, \$25,000, distributed quarterly.

Makaweli opened at 49 and sold down to 47, with 46¼ bid at the close. Hutchinson sold off from 28% to 27½. Honokaa sold at the opening at 34½

and at the close at 33%.

Paauhau opened at 34 and sold down

to 31½, but closed at 32%.
Onomes opened at 36% and closed Hawaiian sold at 95. On December

13th the directors of this company meet to declare a dividend which we are informed will be 50c per share per

AGE NO BAR.

It Does Not Enter Into the Question.

babe and the man. That's the way they do in all ages. No wonder, though, they're made for it.

They couldn't cure a simple case of

But they cure had cases of kidney trouble

power, which is calculated to develop speed so that the trip can be accomplished in five or six days between here and San Francisco.

The "Australia" in all probability will be retained as a spare boat to fill in case of an accident to any of the other boats.

When these contemplated changes trouble. If your back aches, try them.

Writing under date January 10th, 1899, Jurgen Walter of this city tells us as follows: "My age is 79—well past the ordinary span of life, and I am the parent of eight children. Being so far advanced in years, I regard the relief obtained from Doan's Back-ache Kidney Pills as very remarkable. I suffered from a lame back for years, but after taking some of the pills (progreatly benefited, and I am satisfied the

pills did me much good."

Doan's Backache Kidney Pills are becoming popular in Honolulu because they are always endorsed by Honolulu

Our kidneys filter our blood. They work night and day. When healthy they remove about 500 grains of impure matter daily; when unhealthy some part of this impure matter is left in the blood. This brings on many diseases and symptoms—pain in the left in the blood. This brings on many diseases and symptoms—pain in the back, headache, nervousness, hot, dry skin, rheumatism, gout, gravel, disordered eyesight and hearing, dizziness, irregular heart, debility, drowslness, dropsy, deposits in the urine, etc. But if you keep the filters right you will have no trouble with your kidneys.

Doan's Backache Kidney Pills are wallan islands.

The burial of Miss Lizzie Bingham recalls the fact that a brother of hers was the first member of the original missionary band to die in Hawaii. His death occurred in 1823, three years after Rev. Hiram Bingham and fellow-laborers landed.

Only the highest grace of RED RUB-BER is used in the Stamps made by the HAWAIIAN GARRTTE CO.

REMEDIES

THESET \$1.25

Consisting of CUTICURA SOAP, to cleanse the skin, CUTICURA Ointment, to heal the skin, and CUTICURA RESOLVENT, to cool the blood, is often sufficient to cure the most torturing, disfiguring skin, scalp, and blood humors, rashes, itchings, and irritations, with loss of hair, when the best physicians, and all other remedies fail.

SAVE YOUR HAIR warm shampoos with Curscuna Soar, followed by light dress-cures, will clear the scalp and hair of crusts, scales, and dandruff, soothe irritated and itching surfaces, stimulate the hair follicles, and produce luxuriant, lustrous hair, with clean, wholesome scalp, when all clee fails.

Bold throughout the world. Price, Curreuna Soar, Mr.; Ouvenew, No.; Resouvent thaif sire), Mr. Power D. and C. Conv., Proc., Boston, U. S. A. British depost F. Newseny & Nove. Lordon. How to Cure Humans, On

California Fertilizer Works

J. E. MILLER, MANAGER.

MANUFACTURERS OF PURE BONE FERTILIZERS AND PURE BONE MEAL.

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Fertilizer Materials

OF EVERY DESCRIPTION.

Have constantly on hand the following goods adapted to the Island trade:

HIGH GRADE CANE MANURE, FERTILIZERS, NITRATE OF SODA, SULPHATE OF AMMONIA. HIGH GRADE SULPHATE OF POTASH, FISH GUANO, WOOL DUST, ETC

Special Manures Manufactured to Order-

The manufest manufactured by the California Fretilizer Works are made entirely from clean bone treated with acid, Dry Rlood and Flesh, Potash and Magnesia Salts.

No adulteration of any kind is used, and every ton is sold under a guaranteed analysis. One ton or one thousand tons are almost exactly sike, and for excellent mechanical condition and high analysis have no superior in the market.

The superiority of Pure Bone over any other Phosphatic Material for Fertilizer use is so well known that it needs no explanation.

The large and constantly increasing demand for the Fertilizers manufactured by the California Fertilizer Works is the best possible proof of their superior quality.

A Stock of these Fertilizers will be kept Constantly on Hand and for sale on the usual terms, by

C. Brewer & Co., Ltd.

HONOLULE AGENTS CALIFORNIA FERTILIZER WORKS.

Great Bicycle Lamp Sale!

In order to build our new store we are about to tear down the old building and we have a lot of things that must be sold as we have not got half the room in our temporary quarters that we need for our large stock. To start with we are going to offer a fine line of standard BICYCLE That's the way it talks with all ages.

Doan's Backache Kidney Pills cure the babe and the man.

To start with we are going to offer a fine line of standard BICYCLE LAMPS. These are light things, but they take up a good deal of room. Here is the list:

ı	ist.		
	Chester Lamps	\$.90 each.	
	Atwood Swinging Lamps	1.50 each.	
		2.00 each.	
	M. & W. Lamps	3.00 each.	
	Searchlight Oil Lamps	3.50 each.	
	Searchlight Gas Lamps	4.50 each.	
	Solar Gas Lamps	8.50 each.	

We are not overstocked on any of these, so you will have to call early to get your pick. We have a lot of bike sundries which we are going to self out at same low rates. Your chance to buy standard goods at cost will only last while our present stock lasts; call early.

When you wish to rent a bicycle remember that we rent COLUMBIA CHAINLESS wheels—the easiest and cleanest wheel on earth to ride.

O. HALL & SON, LTD CORNER FORT AND KING STREETS.

A Large Shipment of

STYLISH **UP-TO-DATE**

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to arrive per "W. H. DIMOND" now due.

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AGENTS FOR FIRE, LIFE AND MARINE INSURANCE.

Northern Assurance Company.

OF LONDON, FOR FIRE AND LIFE, Established 1836. Accumulated Funds £3,975,000.

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OF LIVERPOOL, FOR MARINE. Capital£1,000,600

> Reduction of Rates. Immediate Payment of Claims.

THEO. H. DAVIES & CO., LTD. AGENTS

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ALLIANCE INSURANCE CO.; ALLIANCE MARINE AND GENER-AL INSURANCE CO.; WILHELMA OF MADGEBURG IN-

SURANCE CO.; SUN LIFE INSURANCE COMPANY OF CANADA. SCOTTISH UNION AND NATIONAL

Room 12, Spreckels Block.

Homburg-Bremen Fire Insurance Go

The undersigned having been appointed agents of the above company are prepared to insure risks against fire on Stone and Brick Buildings and on Merchandise stored therein on the most favorable terms. For particulars apply at the office of F. A. SCHAEFER & CO., Agts.

German Lloyd Marine insur'ce Co OF BERLIN.

Fortuna General Insurance Co OF BERLIN.

The above Insurance Companies have established a general agency here, and the undersigned, general agents, are authorized to take risks against the dangers of the sea at the most rea-sonable rates and on the most favor-

able terms.
F. A. SCHAEFER & CO., General Agents.

General insurance Co. for Sea. River and Land Transport. of Dresden.

Having established an agency at Honolulu and the Hawaiian Islands. the undersigned general agents are au-thorized to take risks against the dan-gers of the sea at the most reasonable rates and on the most favorable terms.

F. A. SCHAEFER & CO., Agents for the Hawaiian Islands.

TRANS-ATLANTIC FIRE INS. CO. OF HAMBURG.

Capital of the Company and reserve, reichsmarks Capital their reinsurance companies 101,650,000

North German Fire Insurance Co-

Total -reichsmarks 107,650,000

OF HAMBURG. Capital of the Company and reserve, reichemarks. Capital their reinsurance 2,200,000

35,000,000 Total reichsmarks

The undersigned, general agents of the above two companies, for the Hawaiian Islands, are prepared to insure Buildings, Furniture, Merchandise and Produce, Machinery, etc.; also Sugar and Rice Mills, and Vessels in the harbor, against loss or damage by fire, on the most favorable terms.

H. HACKFELD & CO., Limited.

North British & Merconitie il\suronce Co

TOTAL PUNDS AT SIST DECEMBER, 1806, E13,959,969.
Authorised Capital 2,000,000 4 800,000 Paid up Capital 2,750,000 657,500 Fire Punds

2,760,430 7 11 10,807,000 17 1 410,800,640 5 10

£0.964,793 6 1

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AT THE GAZETTE OFFICE.

Hives are a terrible torment to the little folks, and to some older ones. Donne's Cintment never falls. Iustant relief and permanent cure. At say, chemist's, 50 conts.